Cameron King, Nick Jonas, Rahul Rangarajan

Assignment 3 Question 2

Assume that node represents a node on a binary tree and includes 3 variables

data = the number stored at the node

left = the left child of the node

right = the right child of the node

BT = Binary Tree

Algorithm: FindMaxBinTree(BT):

1. node = BT.root
2. maxT = node.data
3. if node.left != null
4. maxT = max(FindMaxBinTree(node.left), maxT)
5. if node.right != null
6. maxT = max(FindMaxBinTree(node.right), maxT)
7. return maxT